

Activated Carbon Pleated Filter K41-C Primary

Adaptive Efficiency: G4

Product Features

- Long life-span of media
- Easy to use
- Used high quality active felt or activated carbon fiber, to meet the special needs of environment
- 100% Factory inspection
- Good effect on odor removal
- Used different frame for different working environment

Application

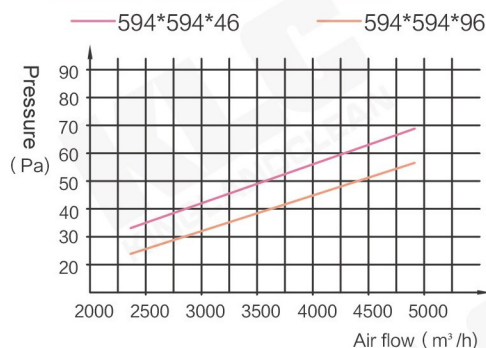
Widely used in airport, subway, car, electronic factory, nuclear power plant, household and central air conditioning, hospital, and swage treatment.



Material and Operation Conditions

Media	Activated carbon fiber
Frame	Extruded aluminum / Galvanized steel / Folding aluminum / Cardboard/ Stainless steel
Optional aluminum frame thickness(mm)	21 25 46 50 69 80 90 96
Sealant	White latex or universal glue
Odor removal rate	>70%
Max. Temperature	50°C (except cardboard)
Max. Humidity	Cardboard frame: 70% Other frame materia:100%

Air Flow & Resistance Diagram



Technology Parameters

Model No.	Size(mm) (HxWxD)	Air flow/Initial resistance (m³/h)/(Pa)	Media area (m²)	Velocity (m/s)	Air flow/Initial resistance at different velocity (m³/h)/(Pa)			Efficiency (EN779)
					0.35m/s	0.45m/s	0.6m/s	
K41-C-001	594*289*21	350/40	0.28	0.57	300/30	350/40	450/50	G4
K41-C-002	594*492*21	600/40	0.48	0.57	500/30	600/40	800/50	G4
K41-C-003	594*594*21	750/40	0.58	0.59	600/30	750/40	1000/50	G4
K41-C-004	594*289*46	500/40	0.4	0.81	400/30	500/40	750/60	G4
K41-C-005	594*492*46	850/40	0.67	0.81	700/30	850/40	1300/60	G4
K41-C-006	594*594*46	1000/40	0.81	0.79	800/30	1000/40	1500/60	G4
K41-C-007	594*289*69	700/40	0.54	1.13	550/30	700/40	1050/60	G4
K41-C-008	594*492*69	1150/40	0.92	1.09	900/30	1150/40	1750/60	G4
K41-C-009	594*594*69	1400/40	1.11	1.10	1100/30	1400/40	2100/60	G4
K41-C-010	594*289*80	800/40	0.63	1.29	650/30	800/40	1200/60	G4
K41-C-011	594*492*80	1350/40	1.06	1.28	1100/30	1350/40	2050/60	G4
K41-C-012	594*594*80	1600/40	1.28	1.26	1300/30	1600/40	2400/60	G4
K41-C-013	594*289*96	950/40	0.75	1.54	750/30	950/40	1450/60	G4
K41-C-014	594*492*96	1600/40	1.27	1.52	1300/30	1600/40	2400/60	G4
K41-C-015	594*594*96	1950/40	1.53	1.54	1550/30	1950/40	2950/60	G4

1. Apart from the above standard size, customized size and efficiency are available. 2. Deviation range for resistance is ±15%. 3. The above parameters are based on activated carbon fiber.